

Multi-tiered Screening For Spore Display

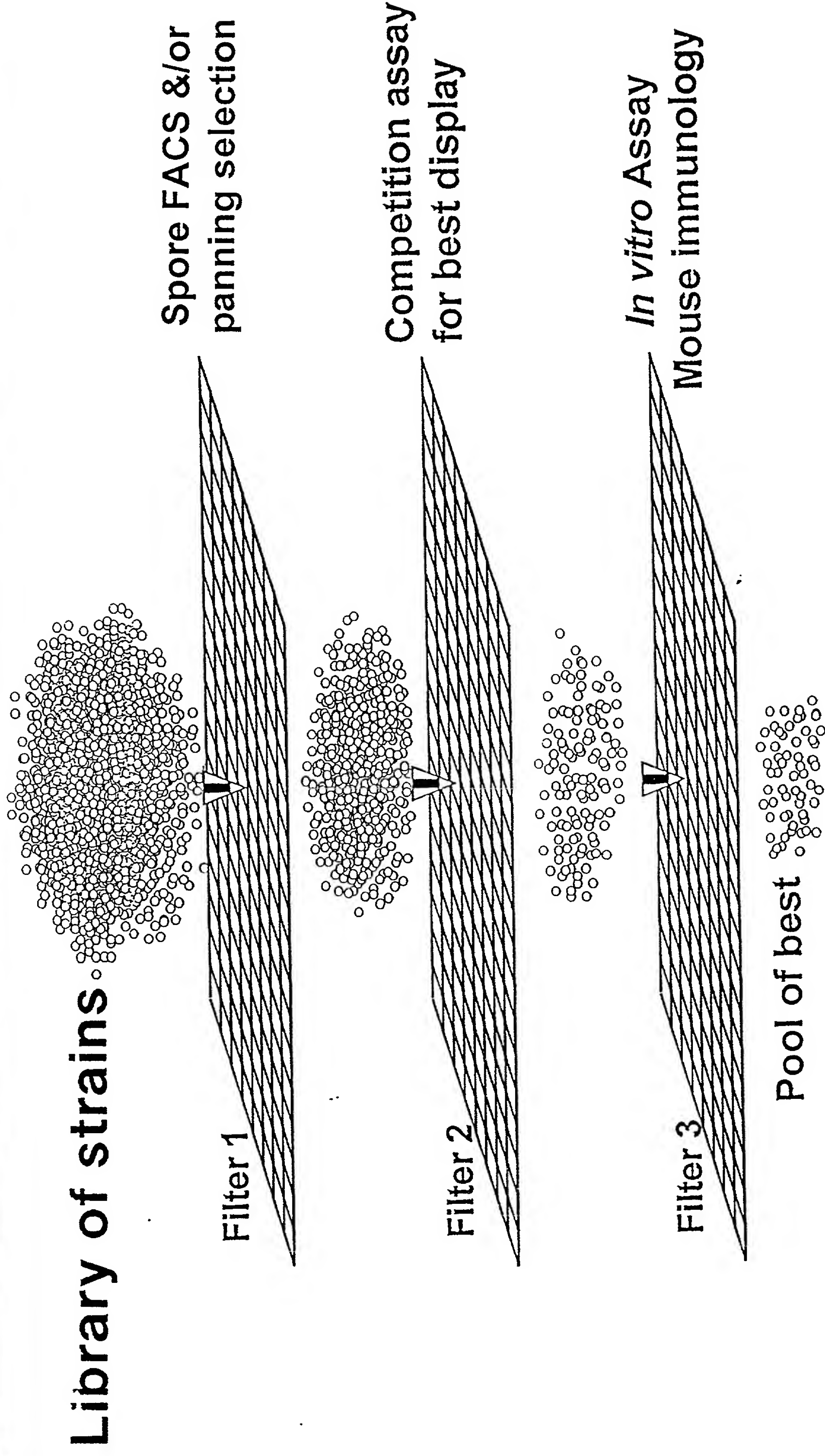


FIGURE 2

Spore Aerosol Vaccine Library

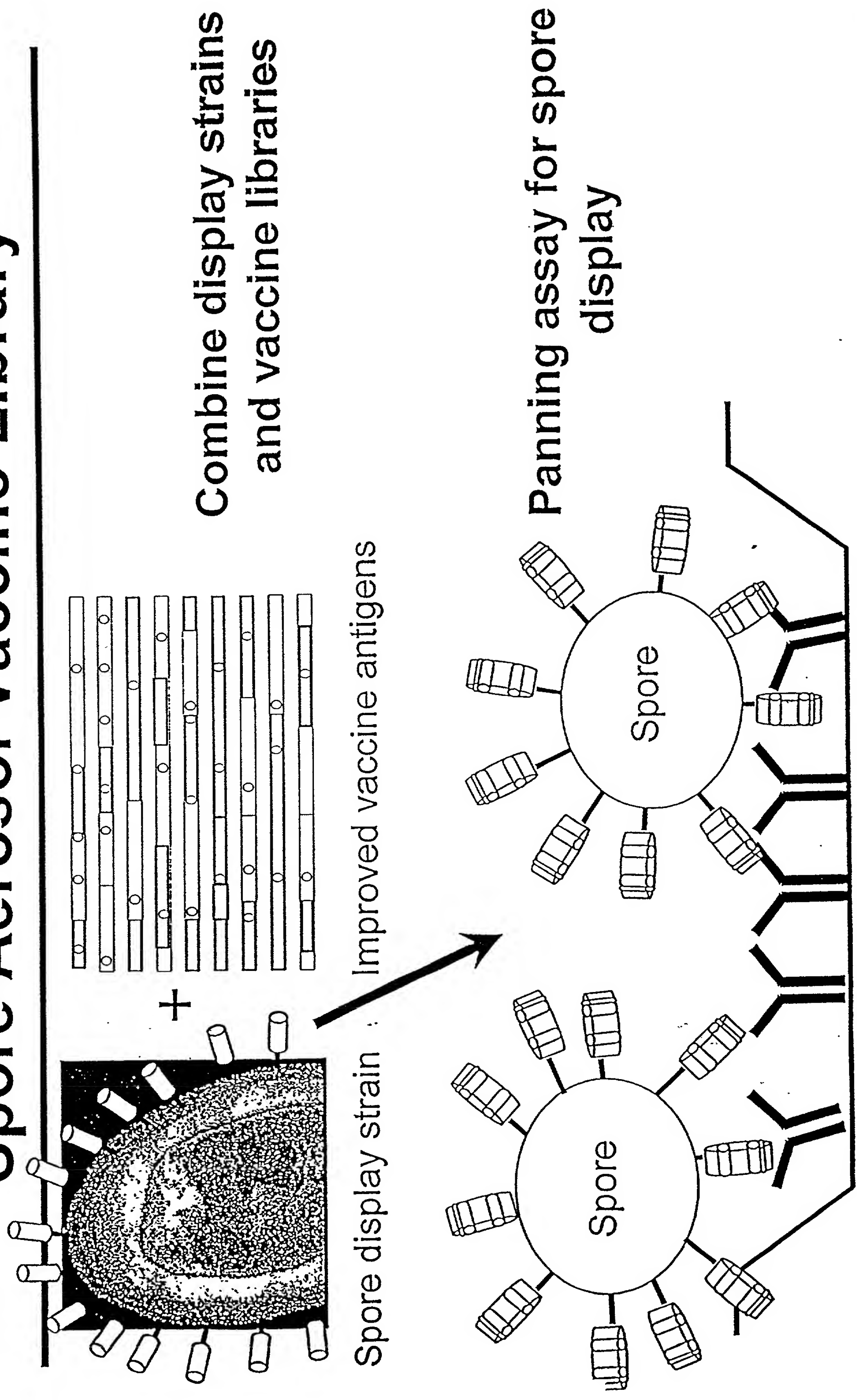
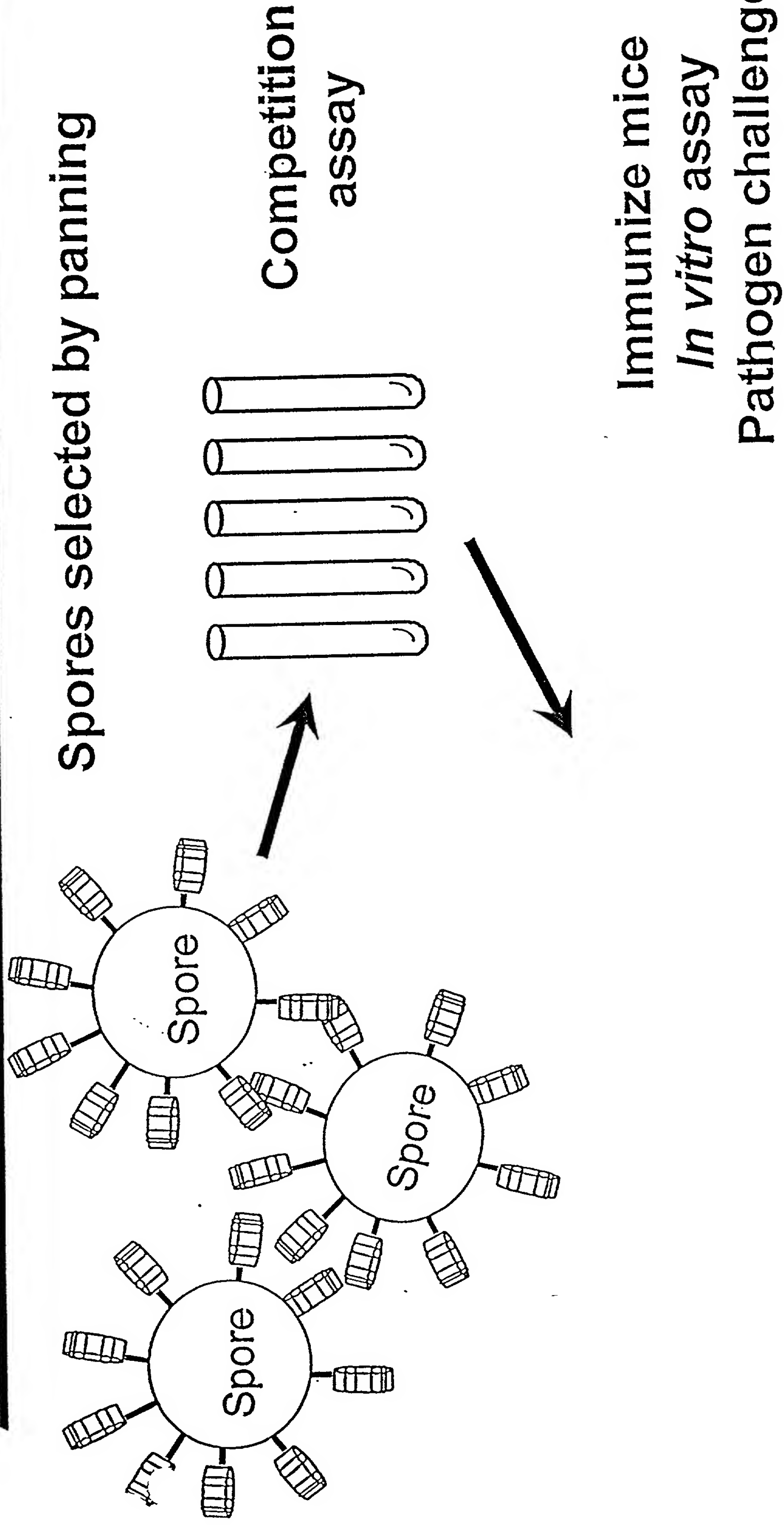
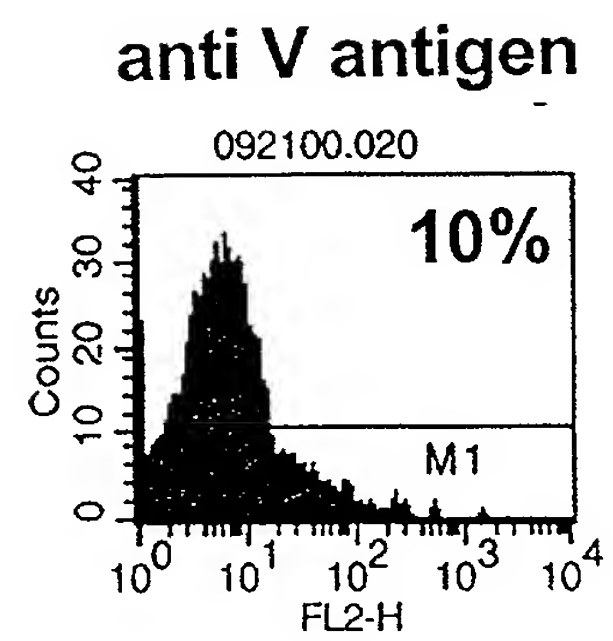
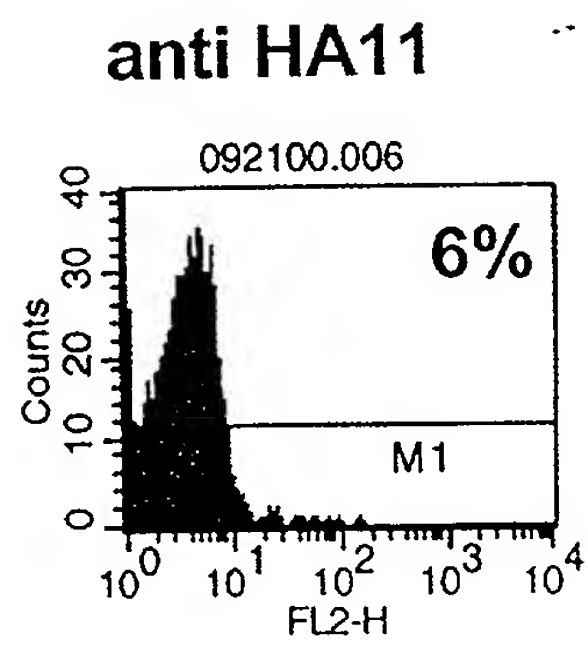


FIGURE 3

Spore Aerosol Vaccine Library



untransformed



pUSH1.C2.V.pro

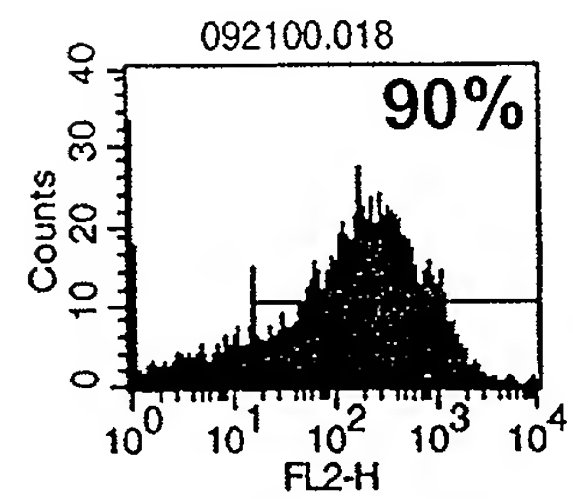
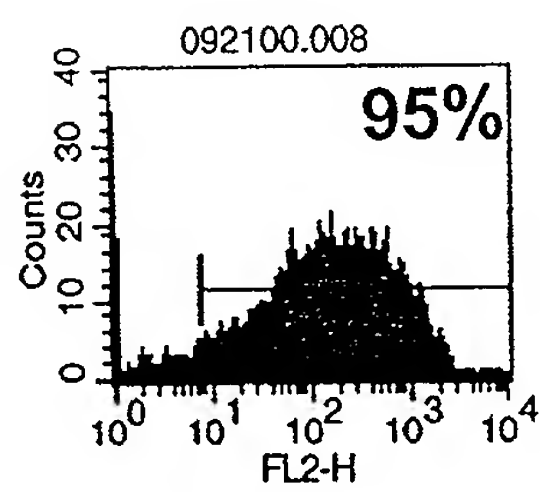


FIGURE 4

1 2 3 4

— — — —

— 98

— 62

— 49

— 38

— 28

— 17

— 14

— 6

— 3

FIGURE 5

Fig 6 BALB/c response to recombinant V antigen displayed on spores

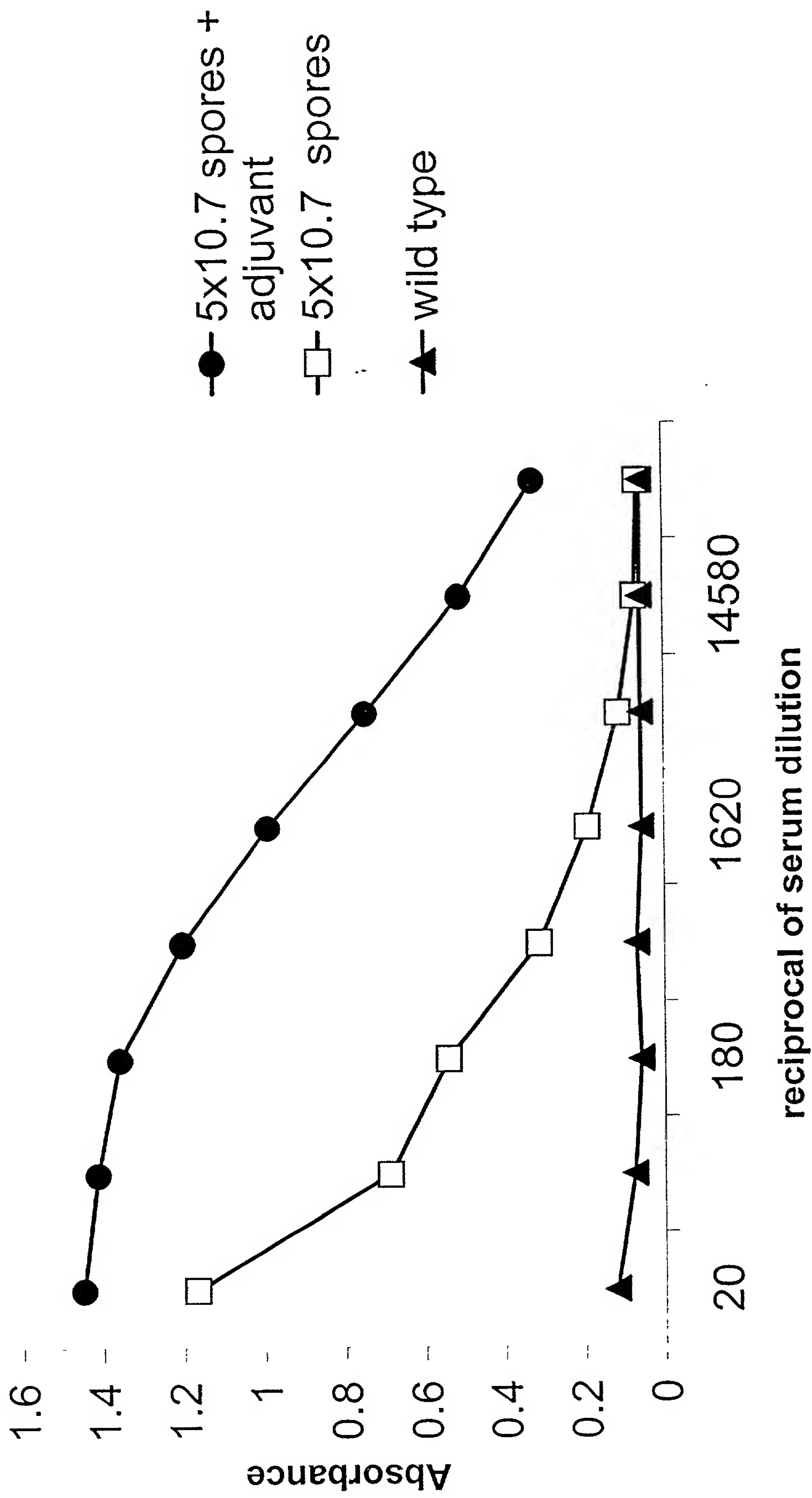


Fig 7 Adjuvant effect of spores on immune response to V antigen in BALB/c mice (n=10)



• Lipase Activity of Spore-Displayed Lipase

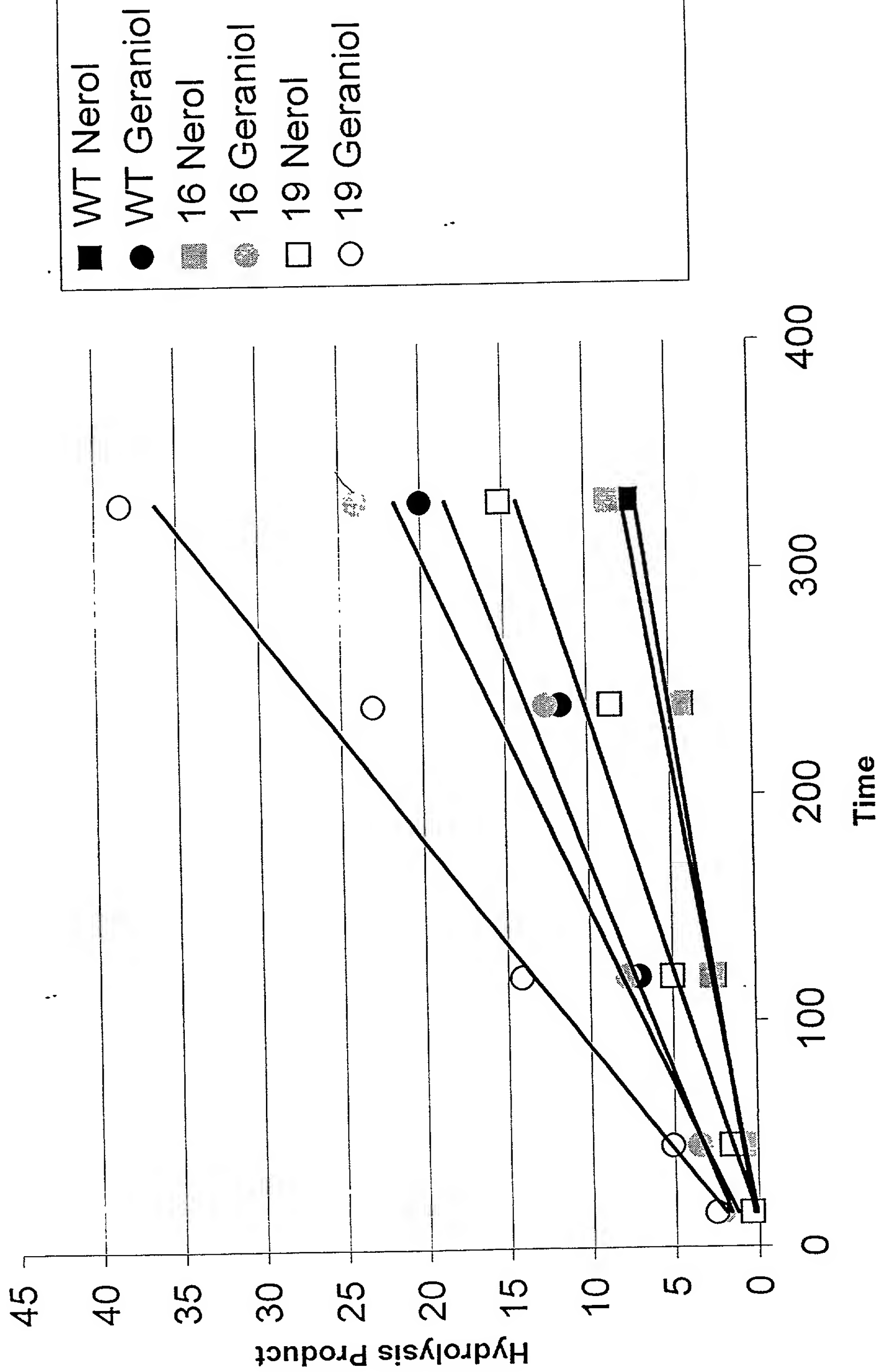


FIGURE 8

Serum anti-V antigen titers following oral immunization with recombinant spores

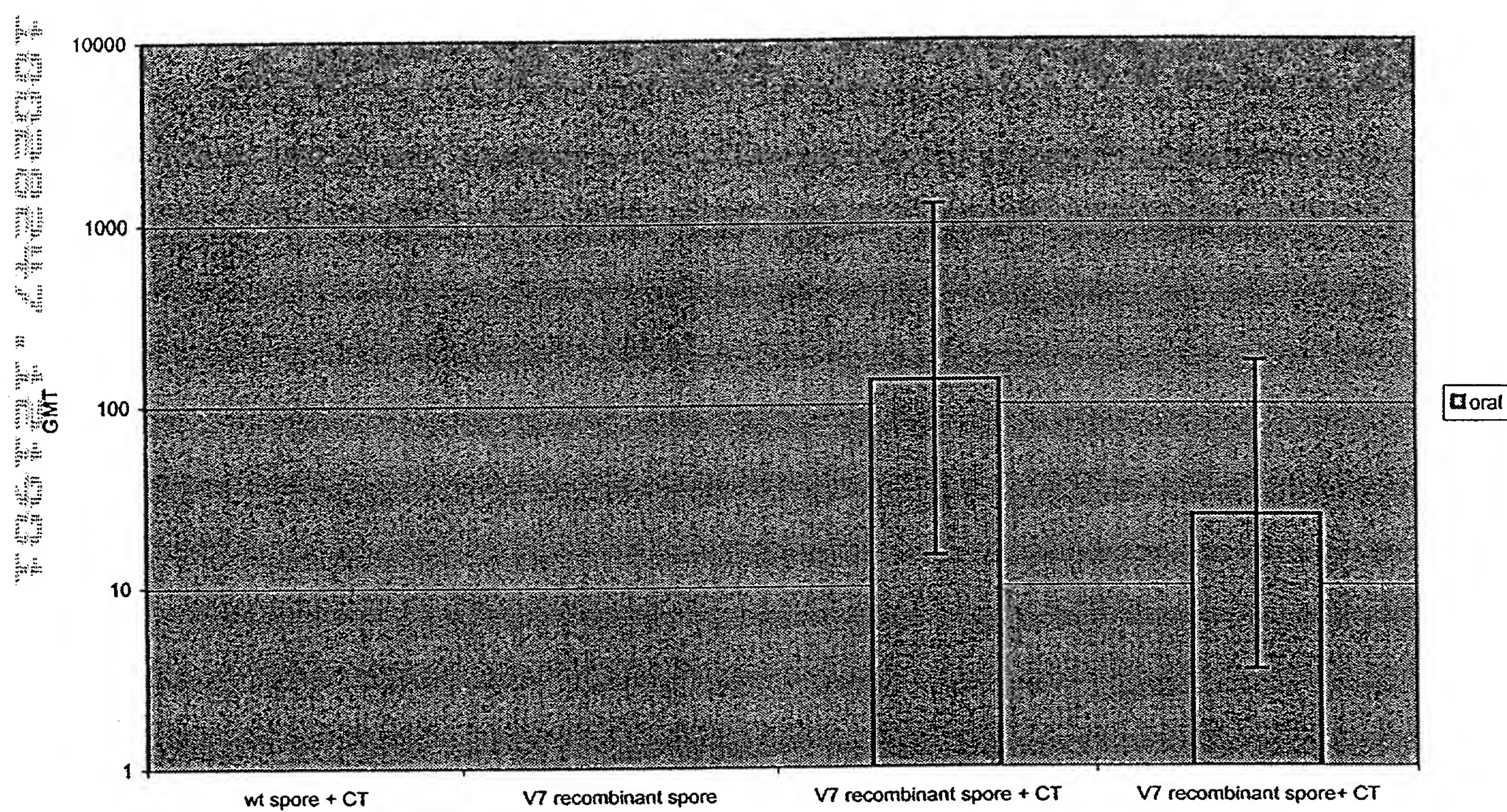


FIGURE 9

Serum anti-V antigen titers following nasal immunization with recombinant spores

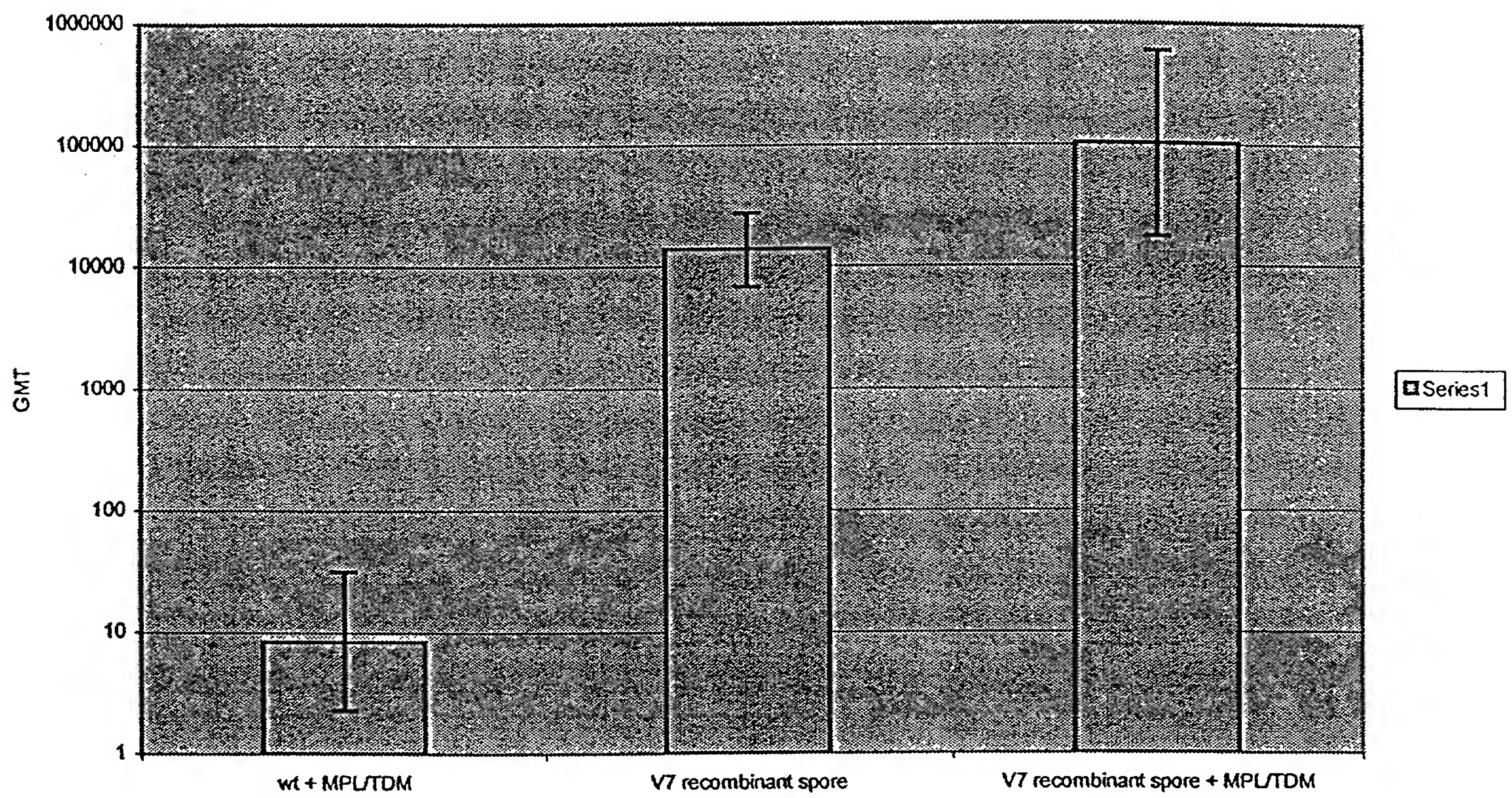


FIGURE 10

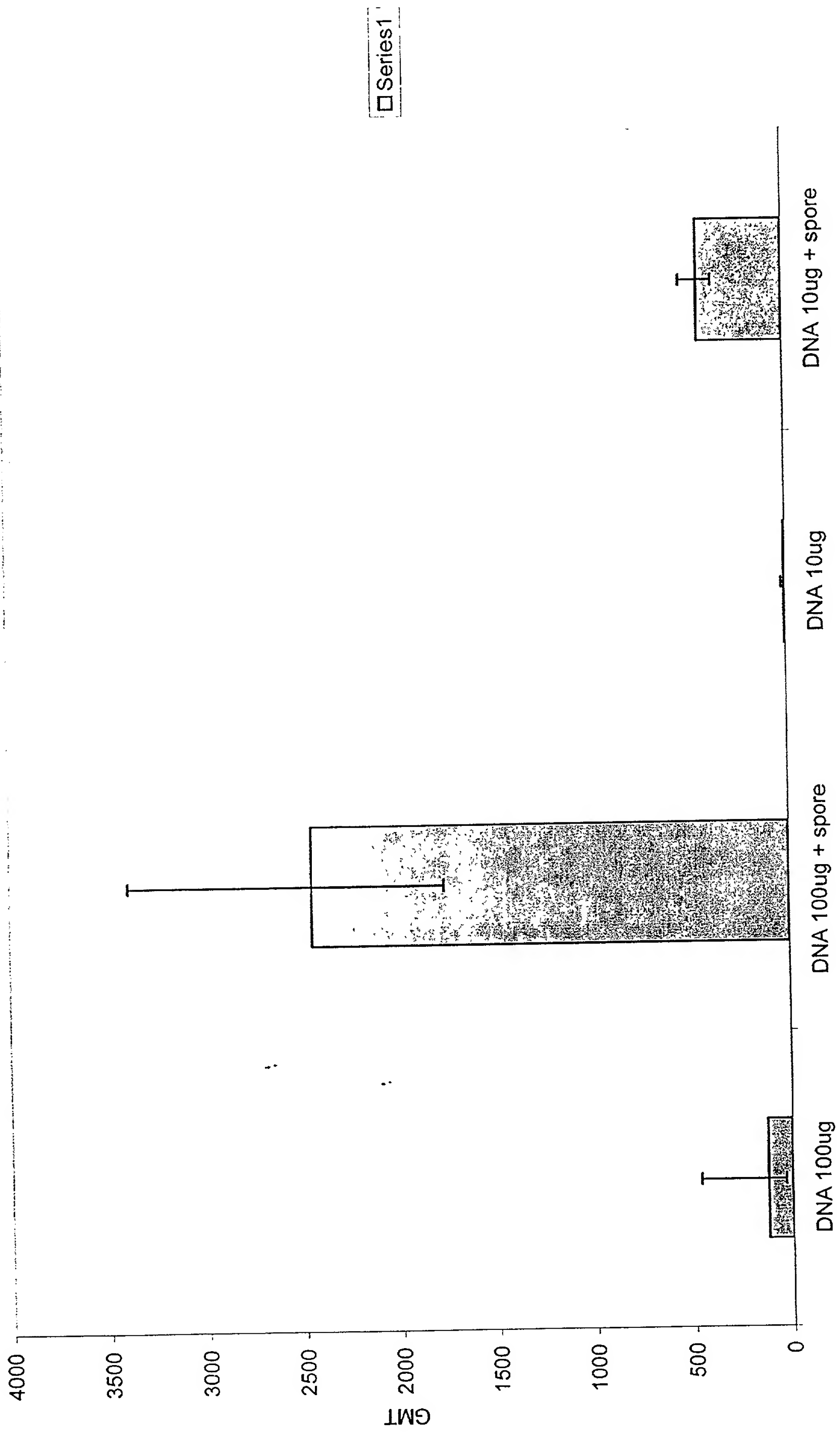


FIGURE 11

Figure 12

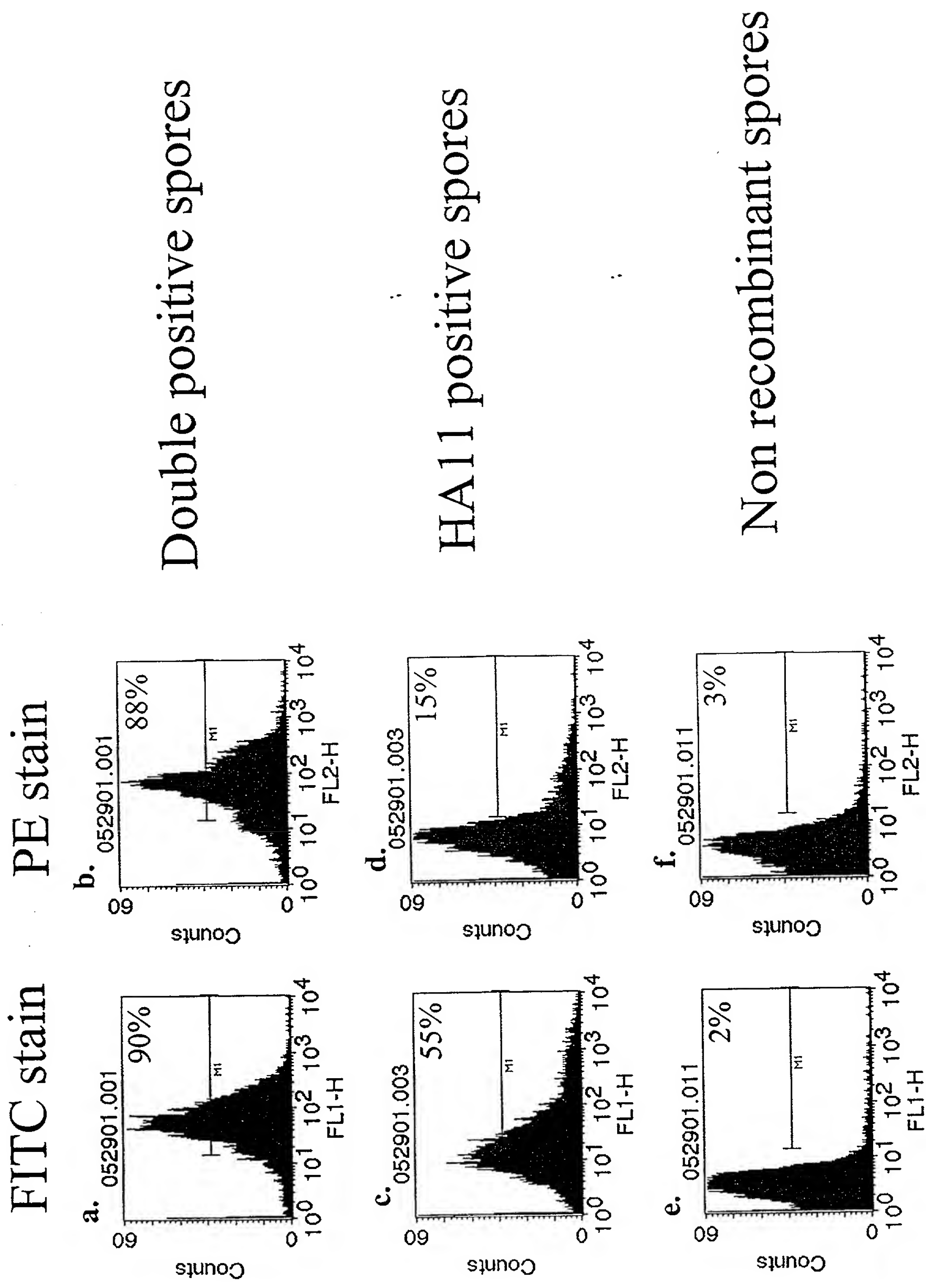


Fig 13

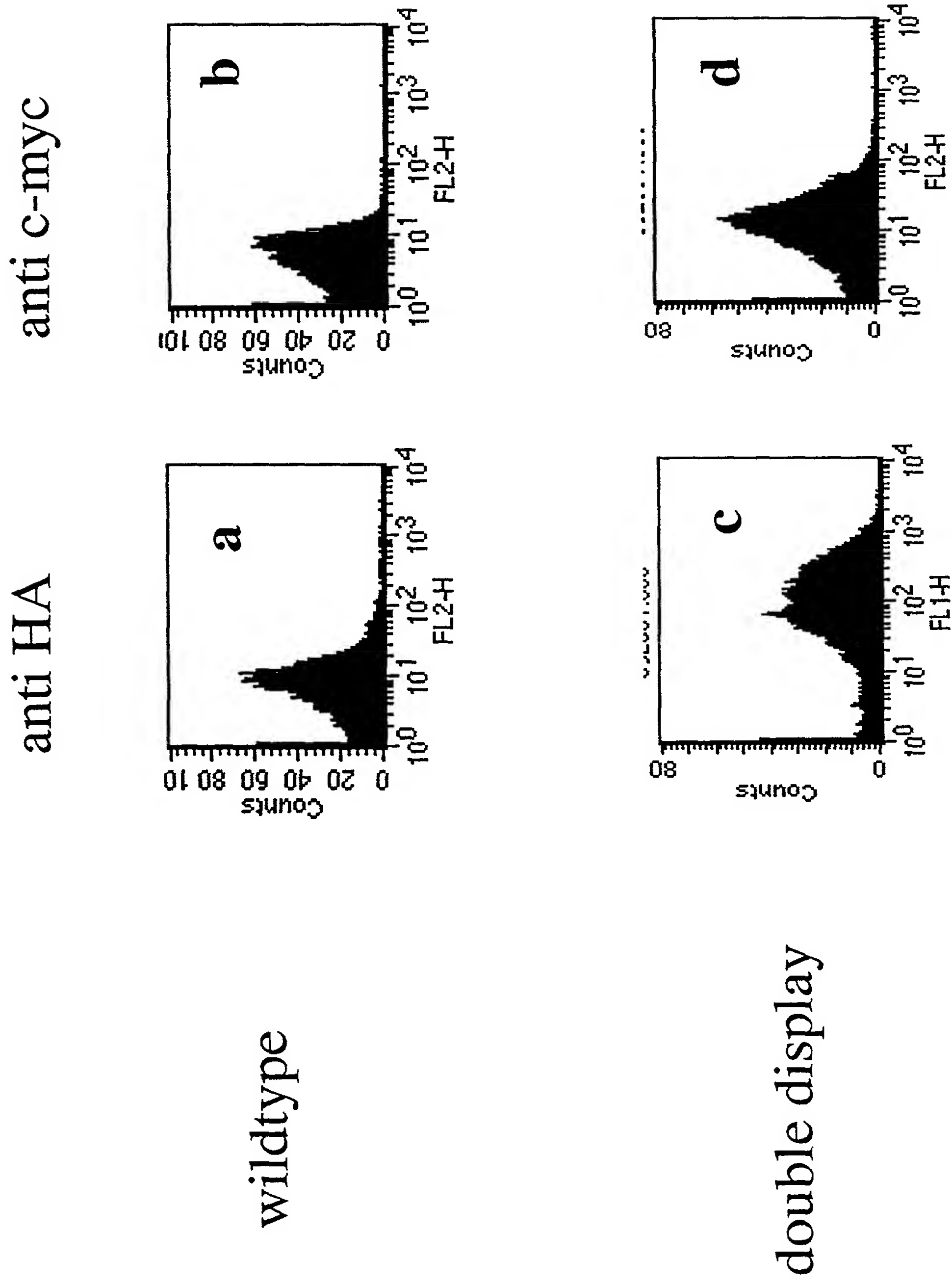


Figure 14. Mice injected with V7 or V7-LT double display spores

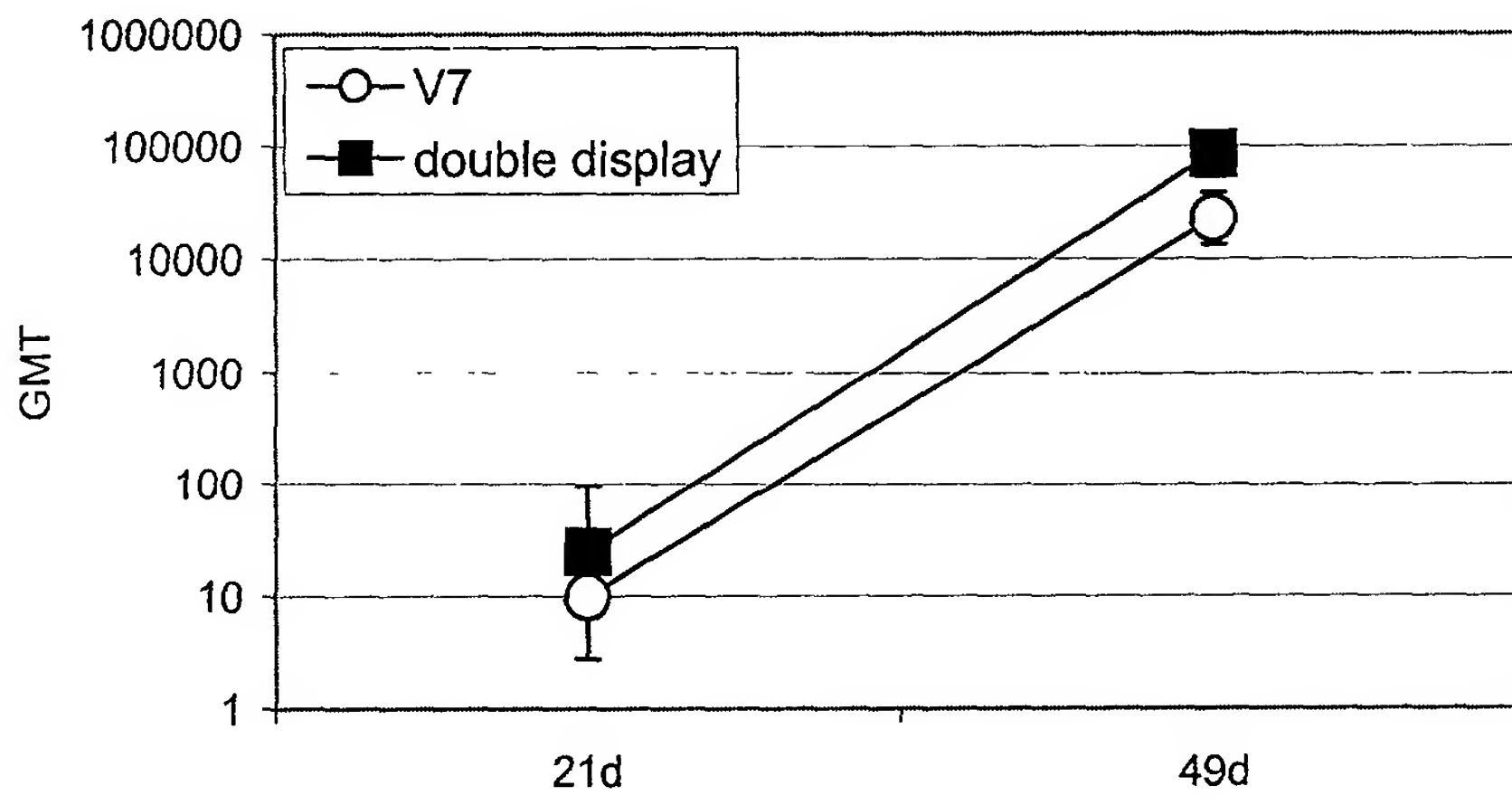


Figure 15. Responders to intranasal immunization

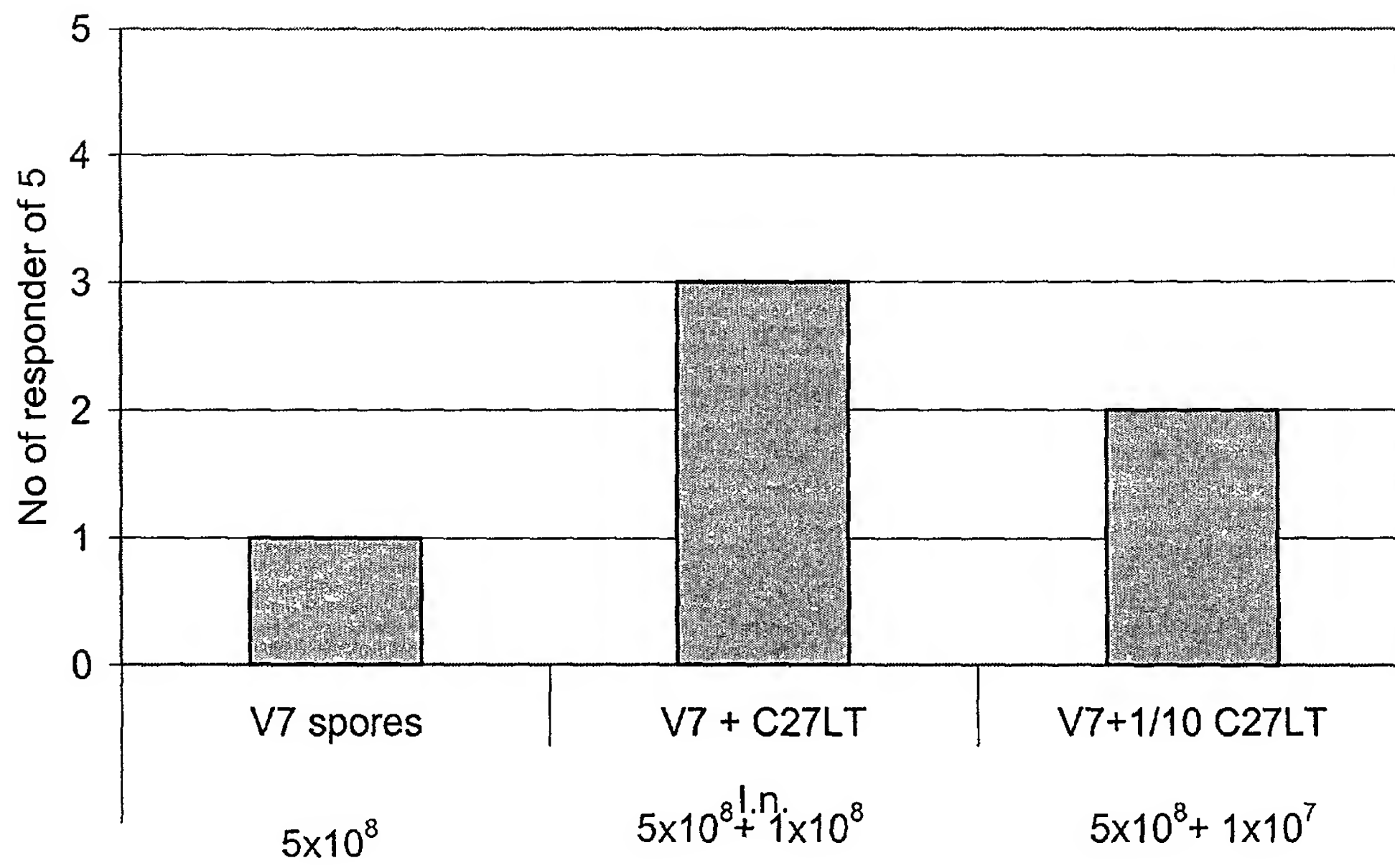


Figure 16. Serum anti V Ag titers in intranasally immunized mice

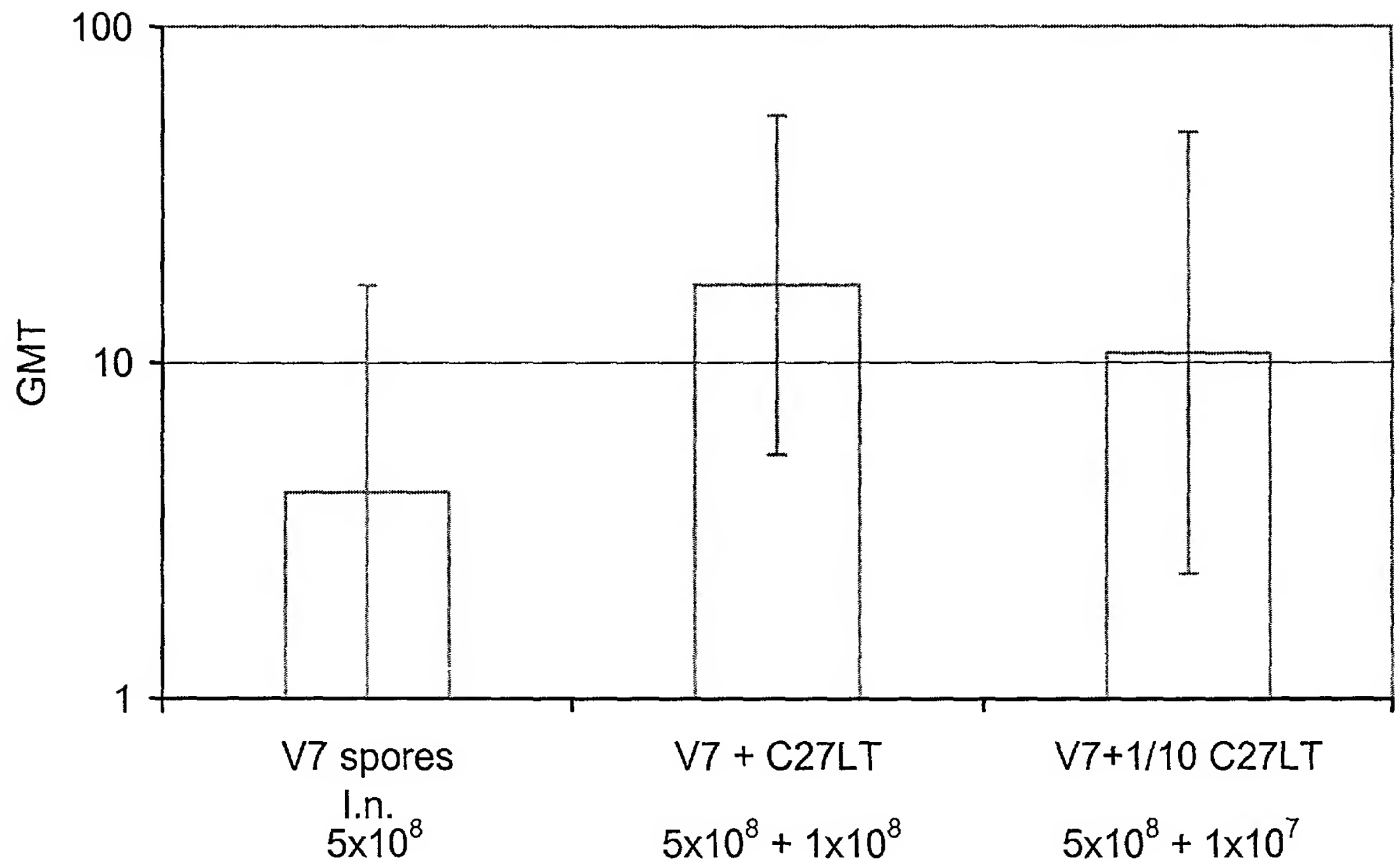


Figure 17

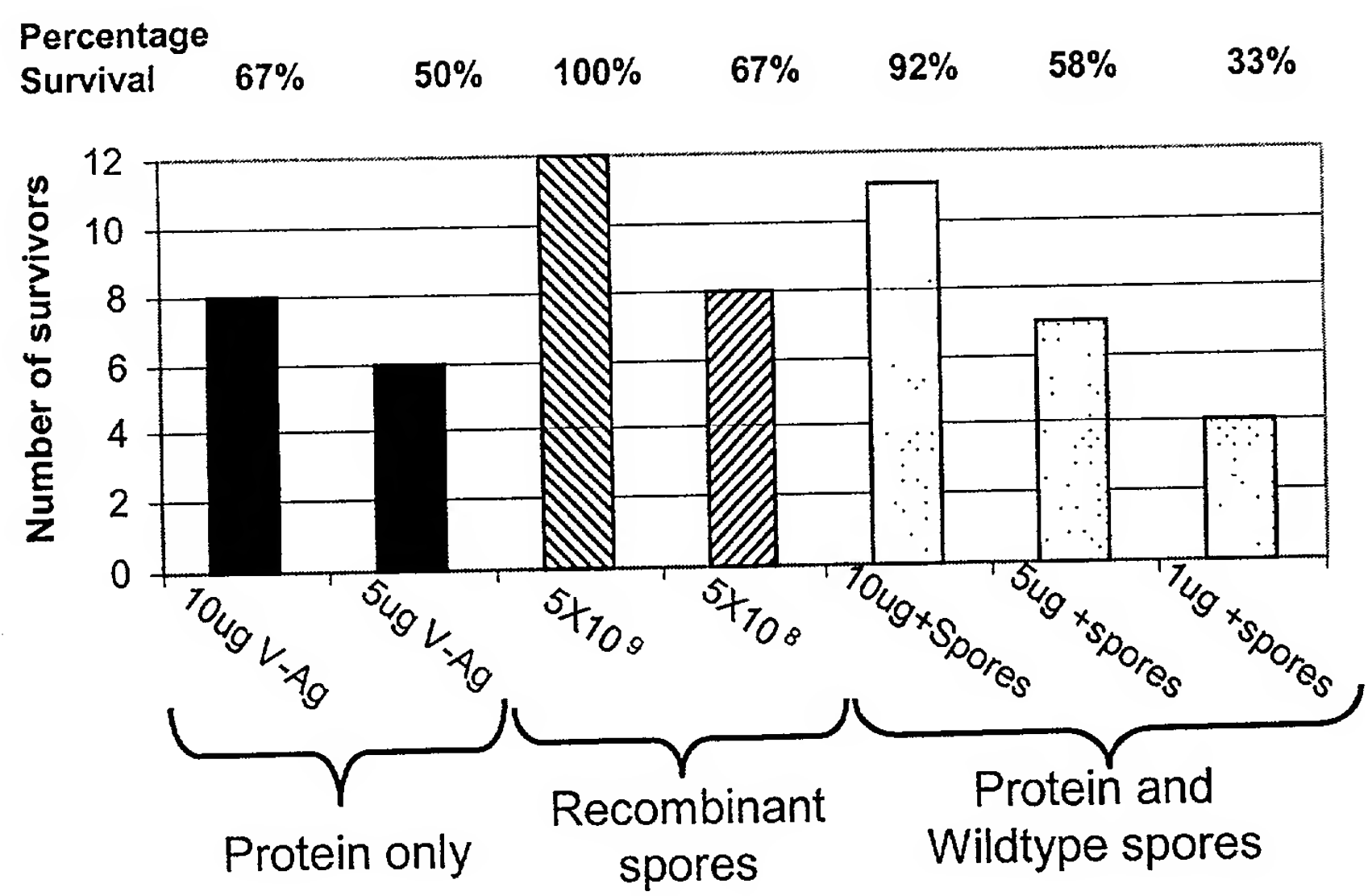


Figure 18

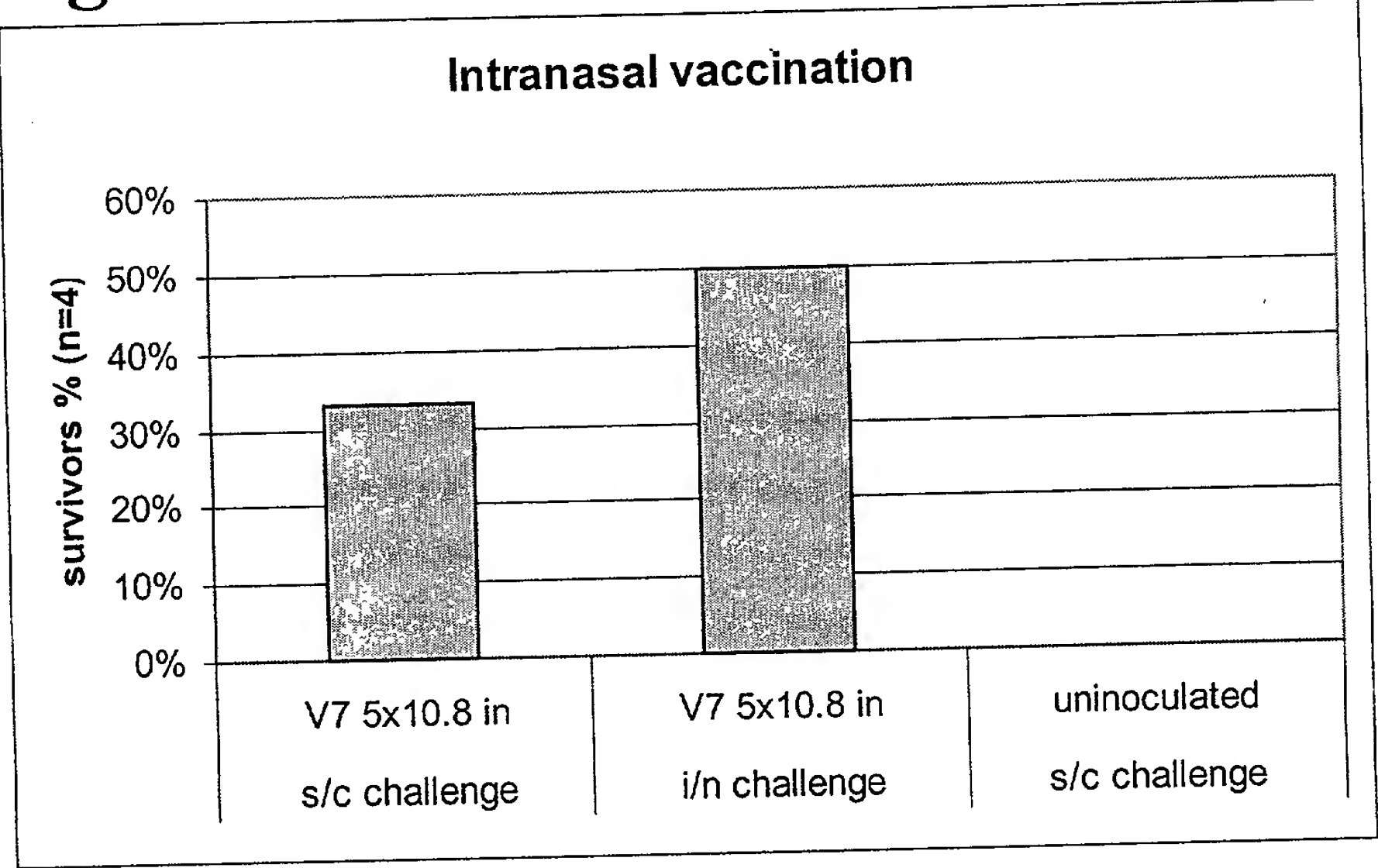


Fig 19

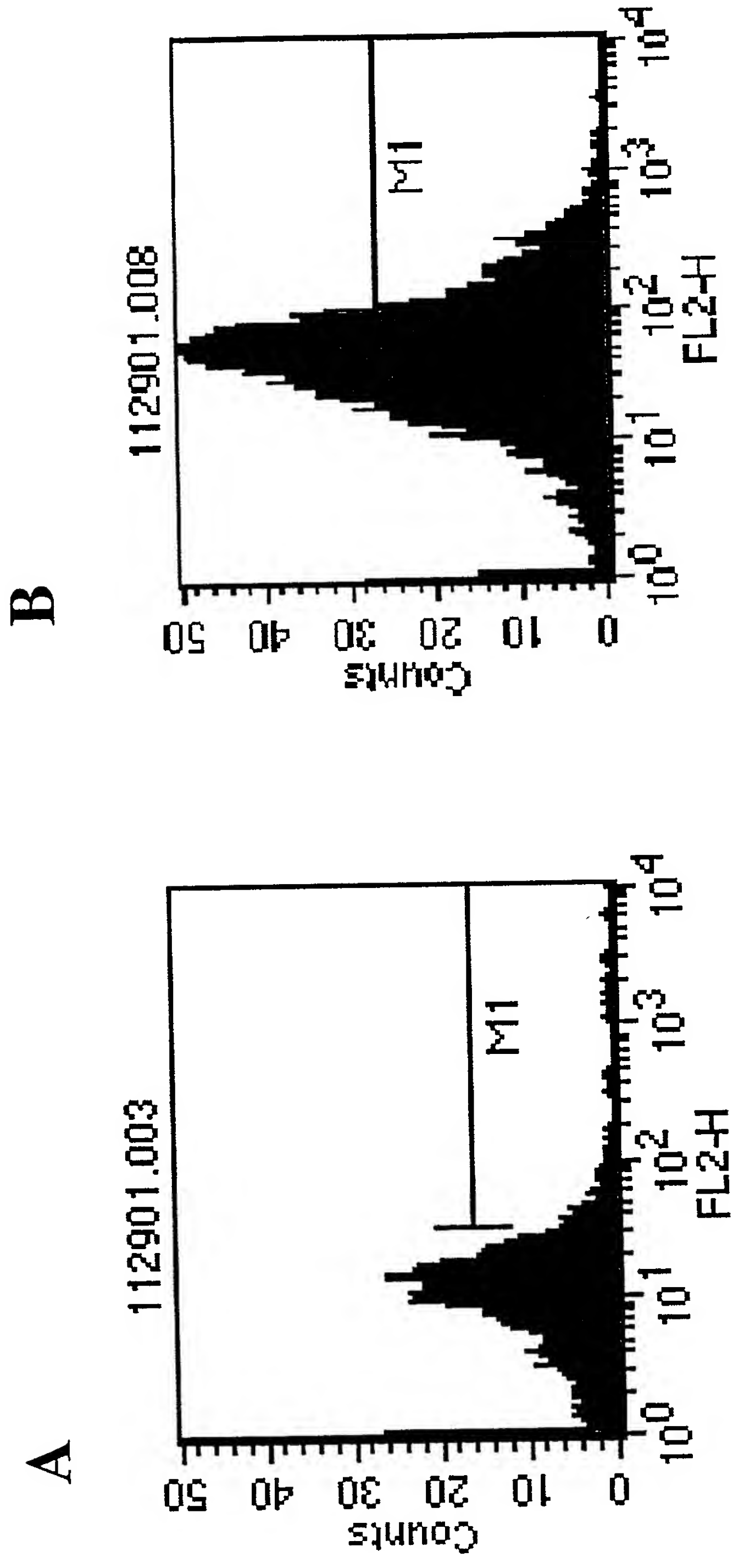


Fig 20

Effect of Cry1Ca Expressed on the Spores of *B. subtilis* on *Spodoptera exigua* neonates

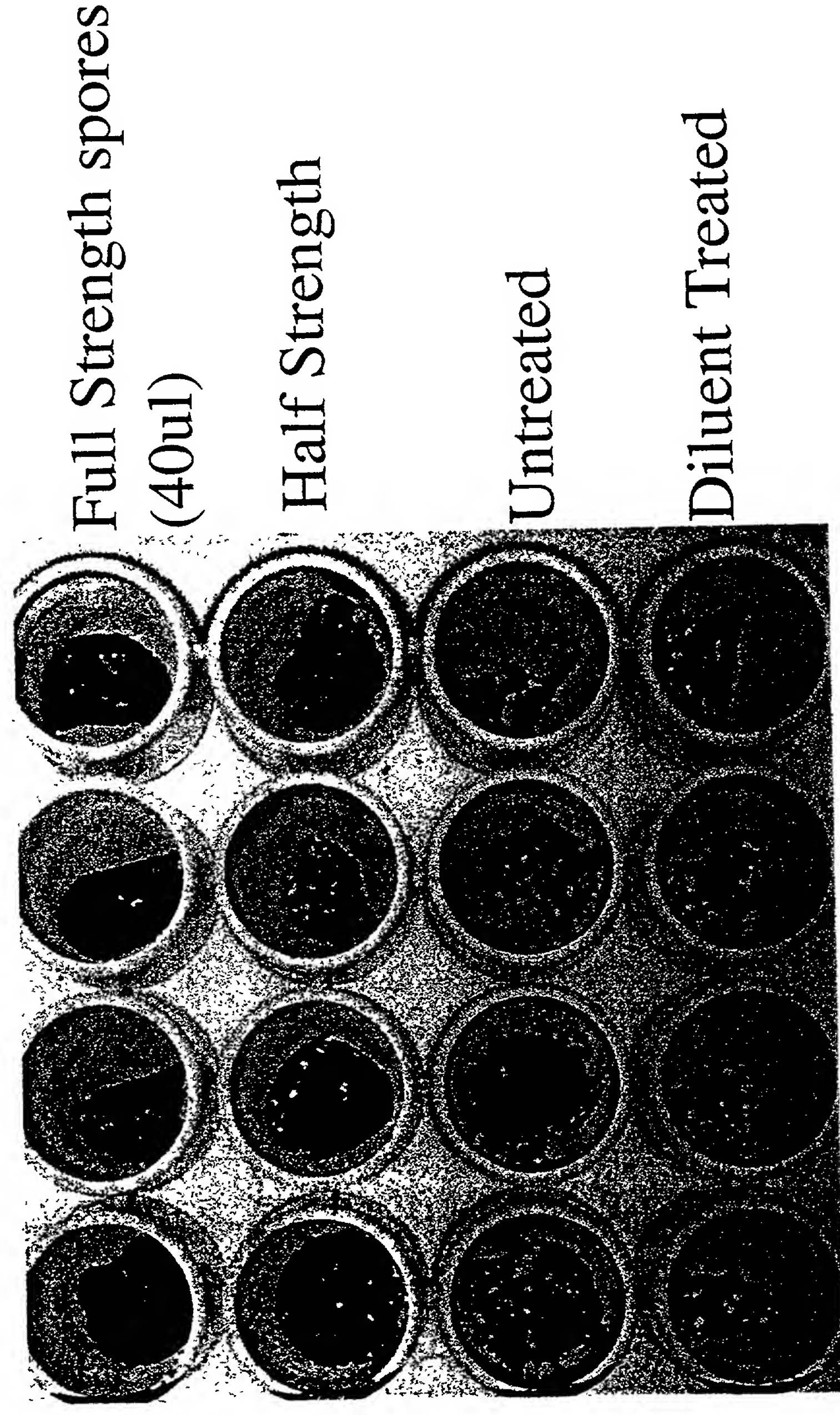


Fig 21

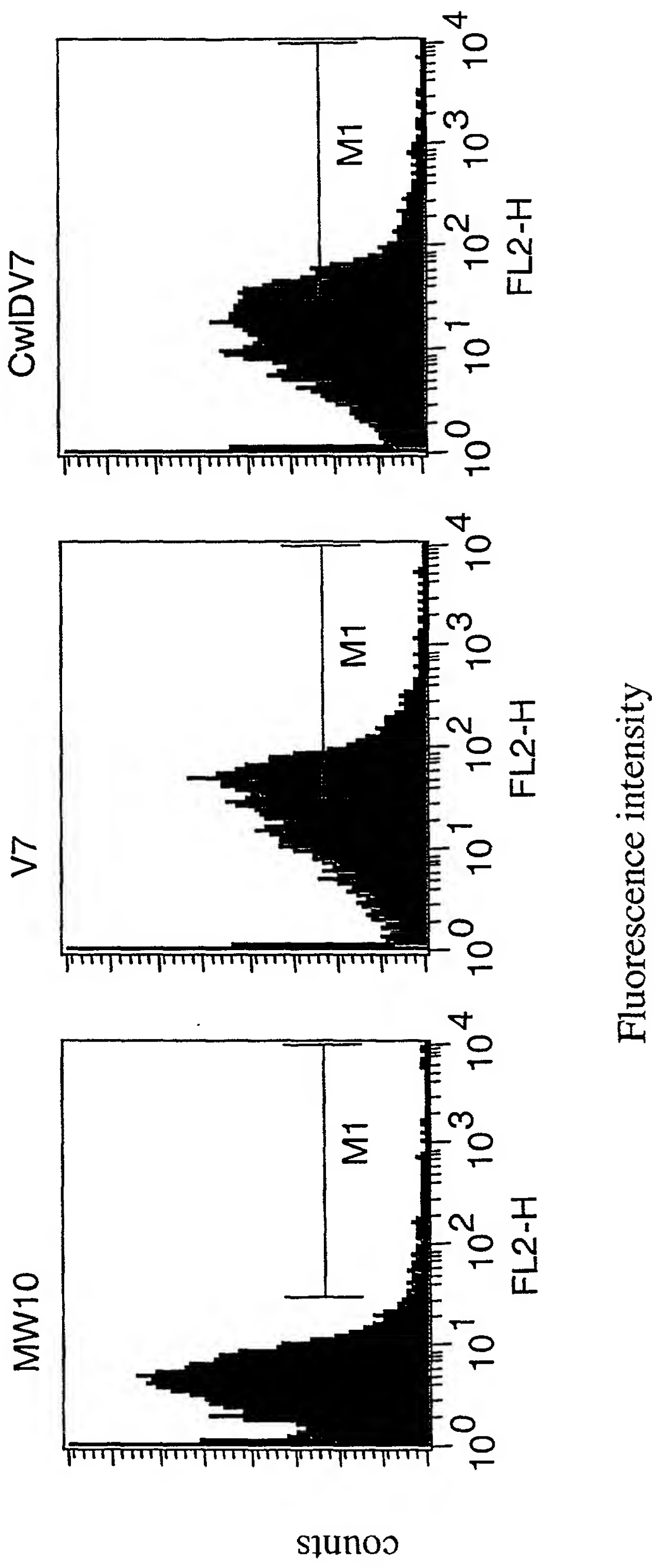


Fig 22

V-antigen Recombinant Spores in Mice

